

STOTLER VARIABLE DISPLACEMENT RADIAL ROTARY PISTON ENGINE

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Reference Cited

U.S. PATENT APPLICATION

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ABSTRACT

An internal four-cycle combustion engine with a hub that acts as a rotary valve that rotates in relation to at least one piston is provided. The rotary valve hub includes passageways to provide for fuel/air intake, exhaust, and coolant as well as an ignition devise and services all cylinders around it. Each piston compresses inward toward the hub and is actuated by a cam affixed to the hub. The cam may be articulated to provide the engine with variable displacement and variable compression ratio.